

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030721\
 Data File : VX021046.D
 Acq On : 05 Mar 2021 19:29
 Operator : JC/MD
 Sample : M1553-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30-31

Quant Time: Mar 06 00:02:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

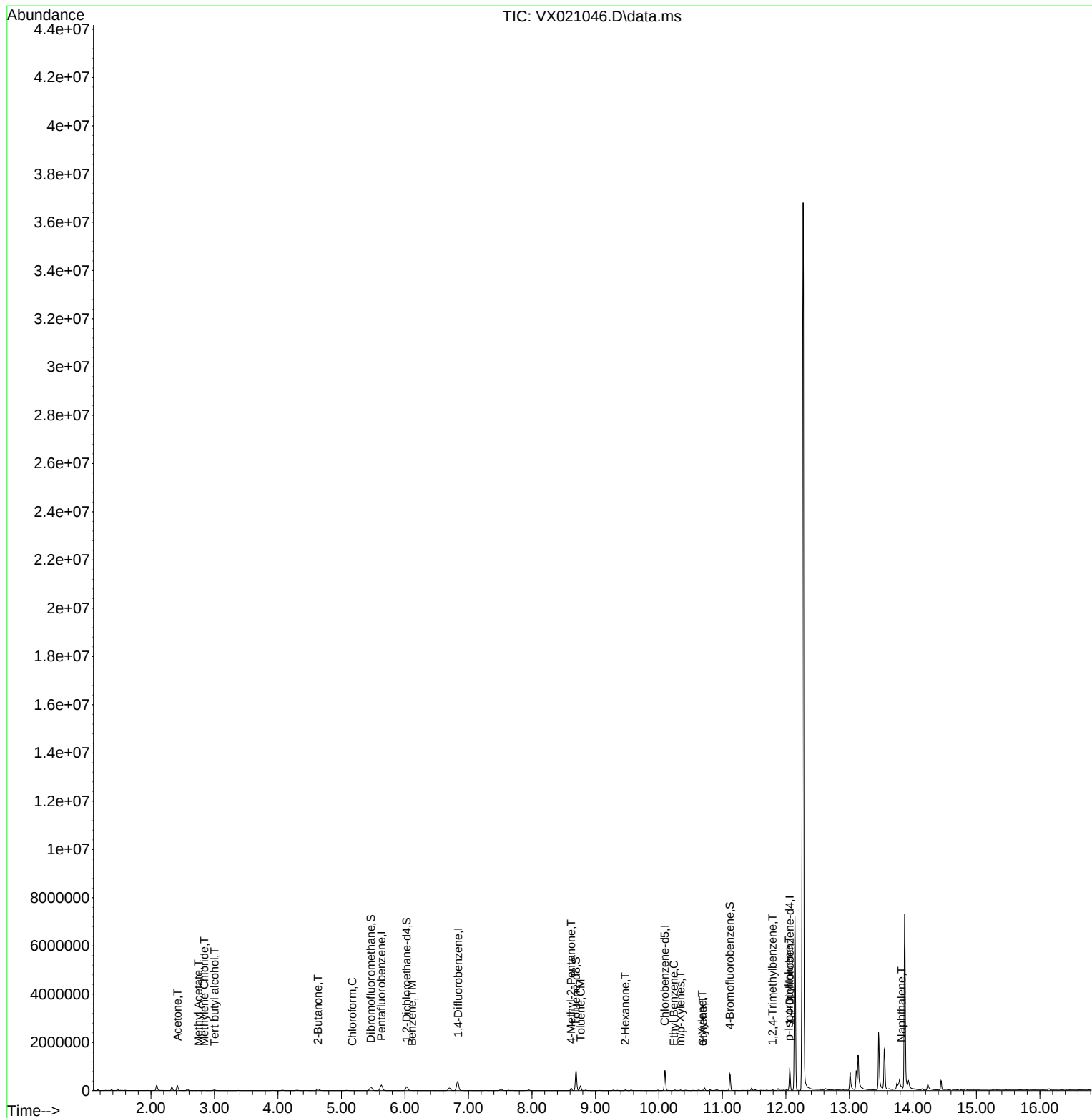
Internal Standards						
1) Pentafluorobenzene	5.629	168	221148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	412563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	389599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	183166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	147718	49.45	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.90%		
35) Dibromofluoromethane	5.464	113	131055	52.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.56%		
50) Toluene-d8	8.694	98	515837	52.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.56%		
62) 4-Bromofluorobenzene	11.118	95	191369	52.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.90%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.999	59	29029	43.64	ug/l	96
16) Acetone	2.417	43	222291	180.60	ug/l	99
18) Methyl Acetate	2.746	43	2800	0.96	ug/l	96
20) Methylene Chloride	2.840	84	1673	0.57	ug/l	96
25) 2-Butanone	4.629	43	109909	58.78	ug/l	100
30) Chloroform	5.170	83	1266	0.26	ug/l #	79
40) Benzene	6.111	78	3446	0.29	ug/l	90
51) 4-Methyl-2-Pentanone	8.617	43	56536	15.30	ug/l	100
52) Toluene	8.765	92	68889	9.41	ug/l	99
59) 2-Hexanone	9.471	43	16563	5.97	ug/l	99
67) Ethyl Benzene	10.235	91	3395	0.23	ug/l	97
68) m/p-Xylenes	10.341	106	6019	1.10	ug/l	91
69) o-Xylene	10.682	106	3056	0.57	ug/l	88
70) Styrene	10.694	104	2251	0.25	ug/l	89
84) 1,2,4-Trimethylbenzene	11.788	105	6071	0.50	ug/l	80
86) p-Isopropyltoluene	12.047	119	7324	0.58	ug/l #	83
95) Naphthalene	13.818	128	10523	0.78	ug/l #	84

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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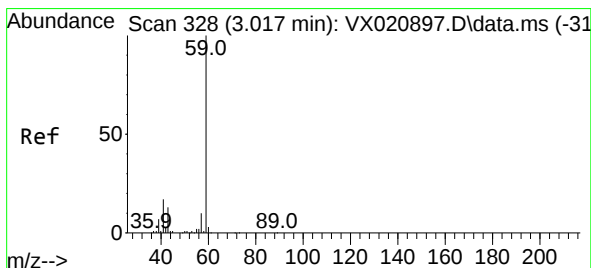
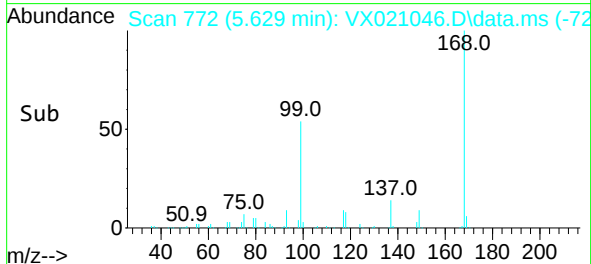
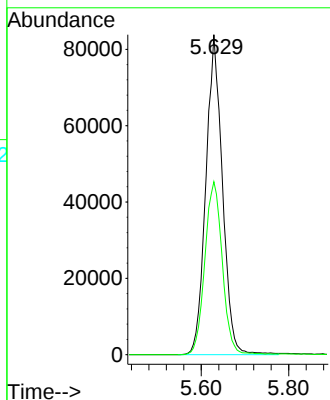
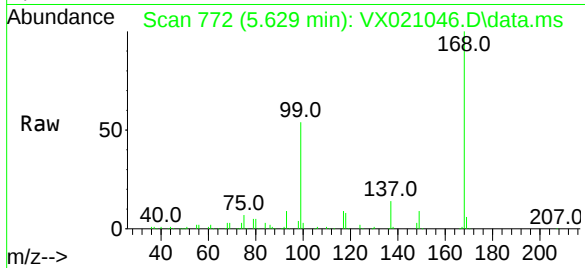




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

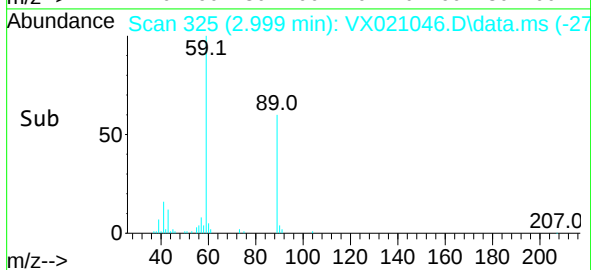
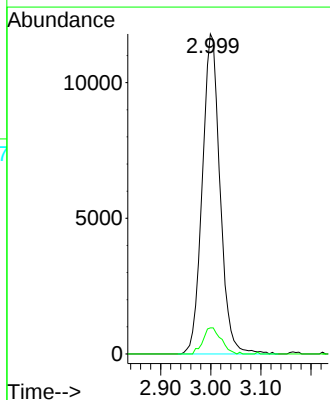
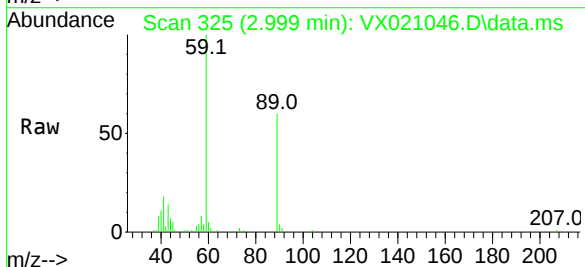
Instrument :
MSVOA_X
ClientSampled :
30-31

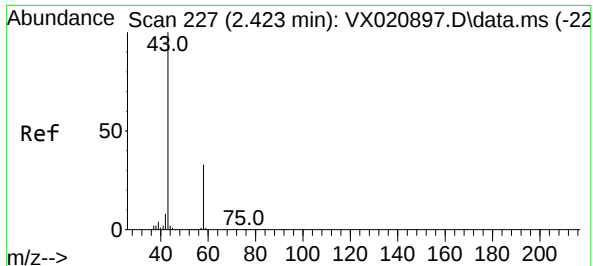
Tgt Ion:168 Resp: 221148
Ion Ratio Lower Upper
168 100
99 54.1 45.8 68.6



#11
Tert butyl alcohol
Concen: 43.64 ug/l
RT: 2.999 min Scan# 325
Delta R.T. -0.018 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 59 Resp: 29029
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8

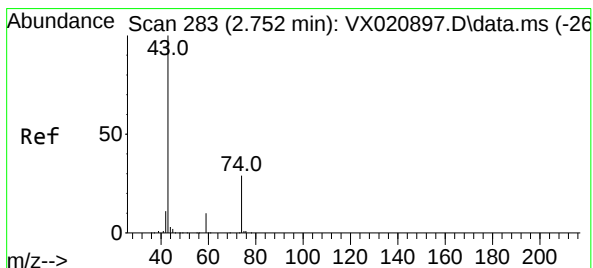
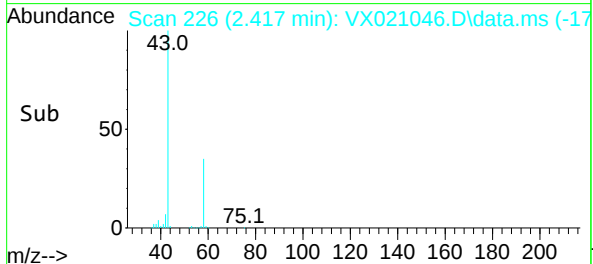
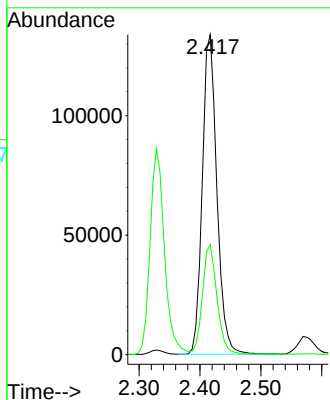
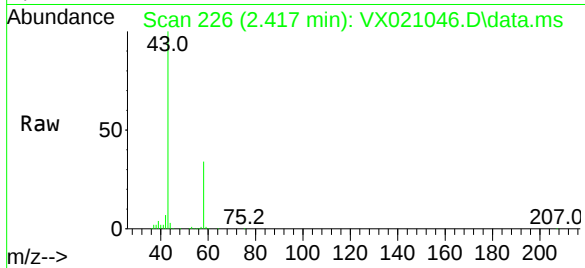




#16
Acetone
Concen: 180.60 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

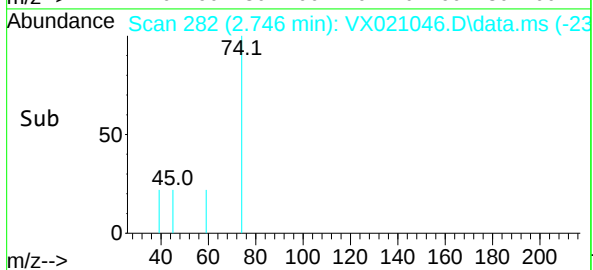
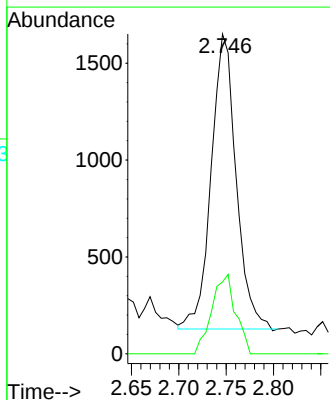
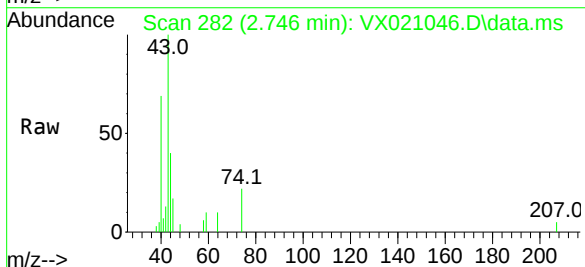
Instrument :
MSVOA_X
ClientSampled :
30-31

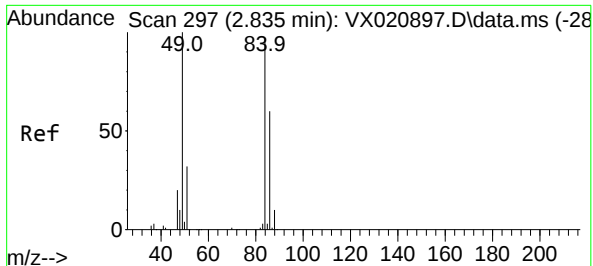
Tgt Ion: 43 Resp: 222291
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.8



#18
Methyl Acetate
Concen: 0.96 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 43 Resp: 2800
Ion Ratio Lower Upper
43 100
74 25.5 21.9 32.9





#20

Methylene Chloride

Concen: 0.57 ug/l

RT: 2.840 min Scan# 298

Delta R.T. 0.006 min

Lab File: VX021046.D

Acq: 05 Mar 2021 19:29

Tgt Ion: 84 Resp: 1673

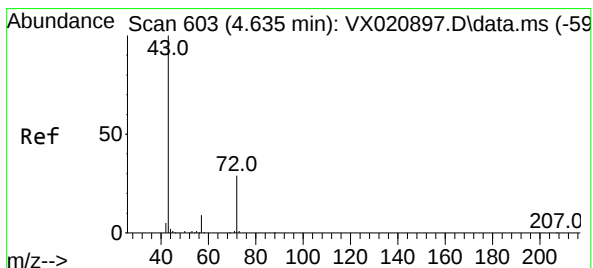
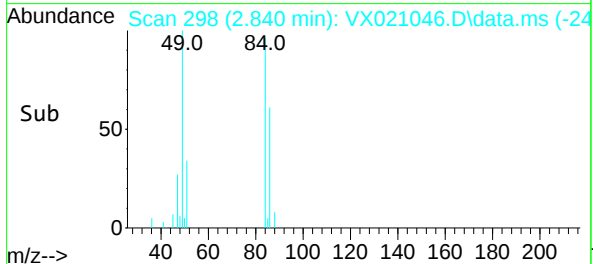
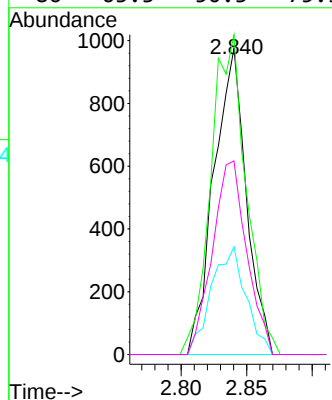
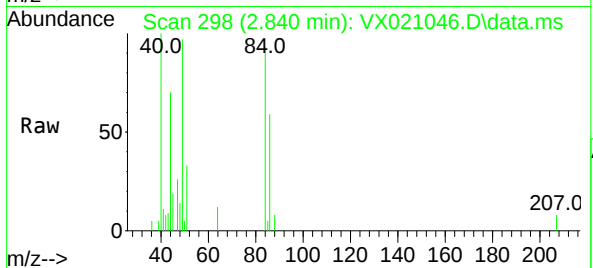
Ion Ratio Lower Upper

84 100

49 104.5 88.6 132.8

51 35.2 27.0 40.6

86 63.3 50.3 75.5



#25

2-Butanone

Concen: 58.78 ug/l

RT: 4.629 min Scan# 602

Delta R.T. -0.006 min

Lab File: VX021046.D

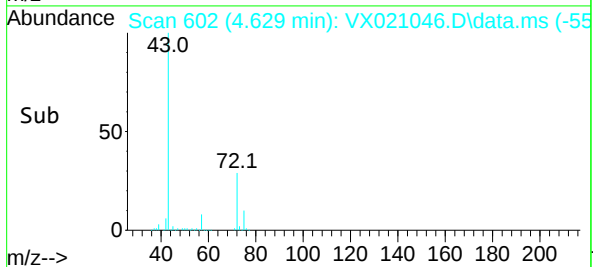
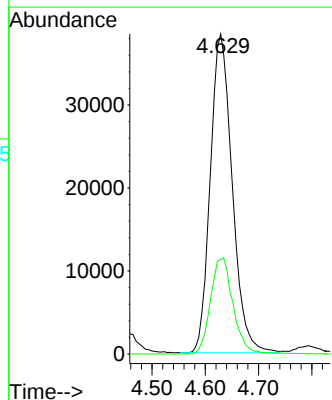
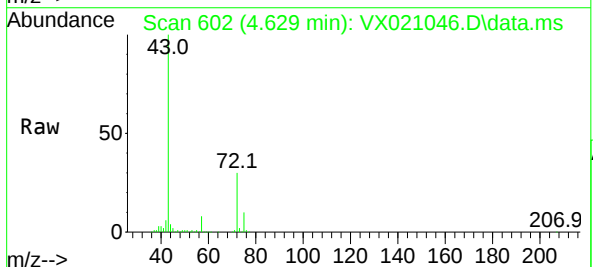
Acq: 05 Mar 2021 19:29

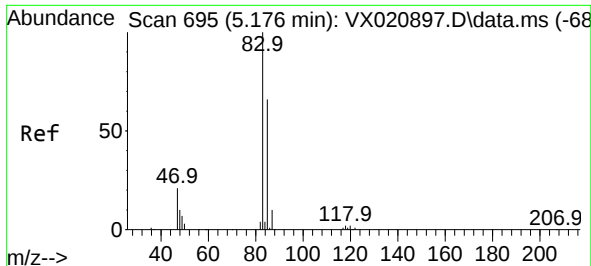
Tgt Ion: 43 Resp: 109909

Ion Ratio Lower Upper

43 100

72 29.7 23.7 35.5

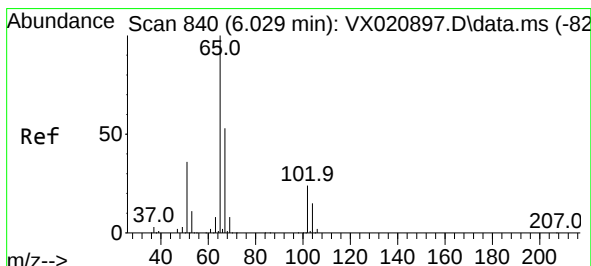
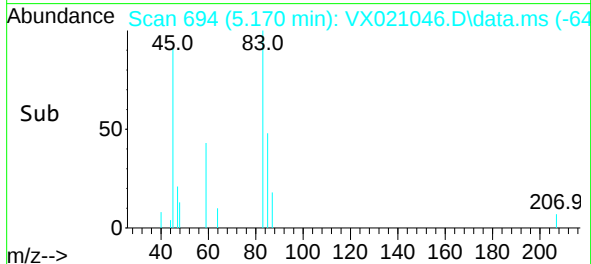
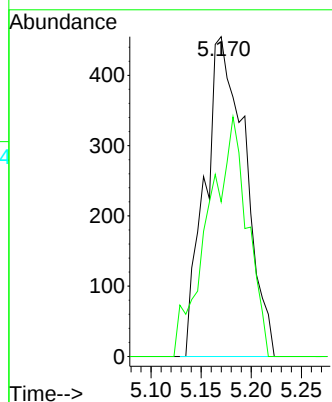
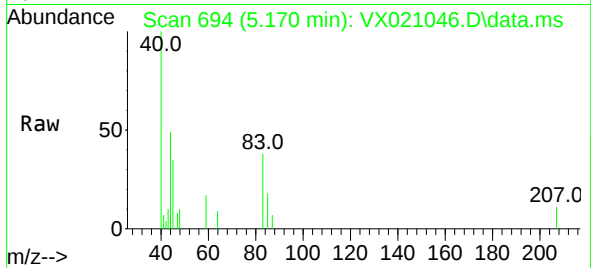




#30
Chloroform
Concen: 0.26 ug/l
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

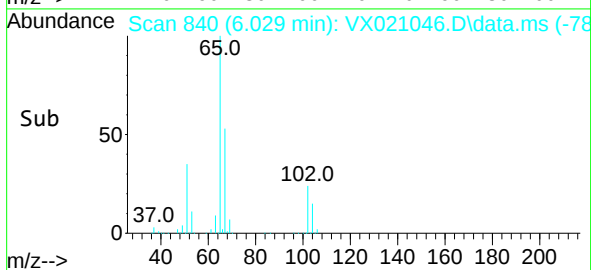
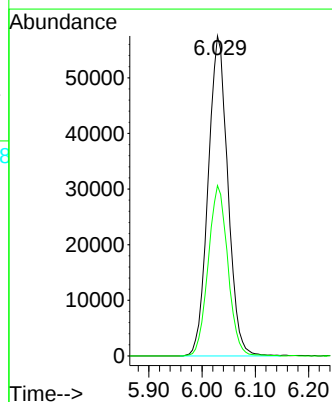
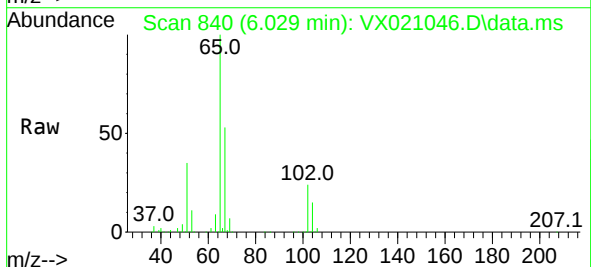
Instrument :
MSVOA_X
ClientSampled :
30-31

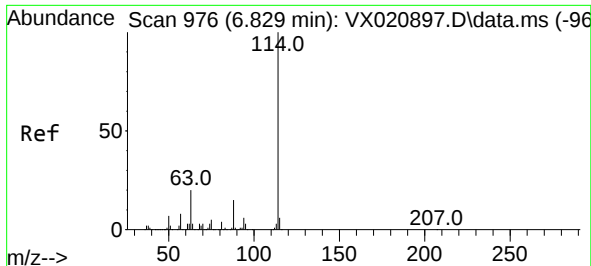
Tgt Ion: 83 Resp: 1266
Ion Ratio Lower Upper
83 100
85 48.4 52.0 78.0#



#33
1,2-Dichloroethane-d4
Concen: 49.45 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 65 Resp: 147718
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

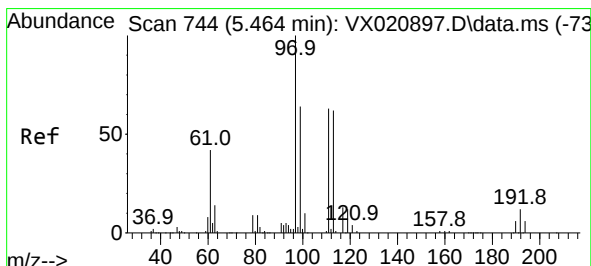
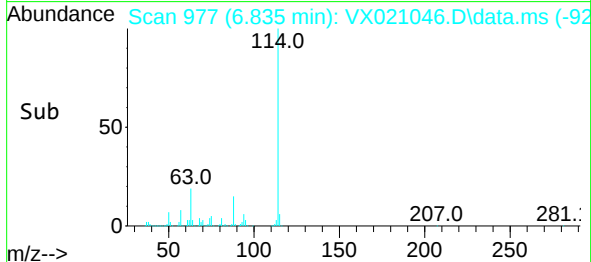
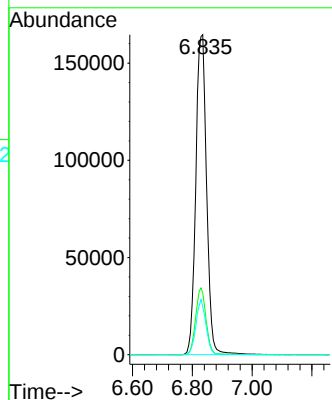
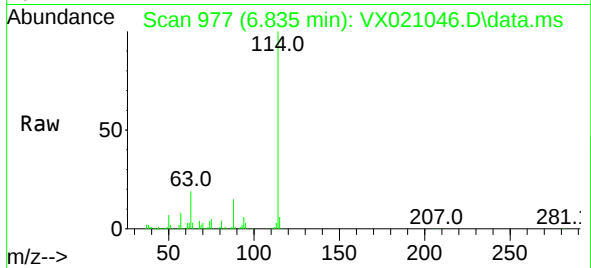




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

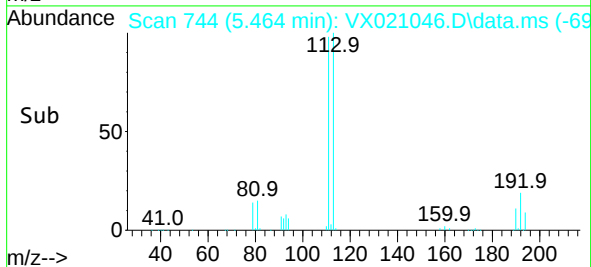
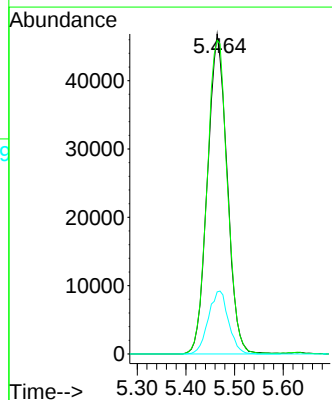
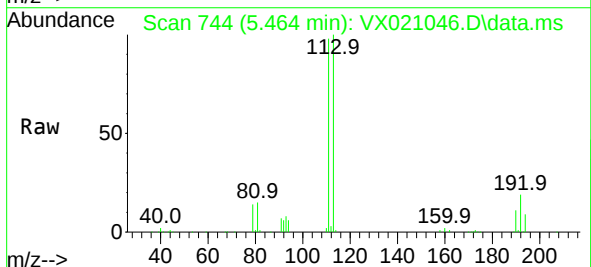
Instrument :
MSVOA_X
ClientSampled :
30-31

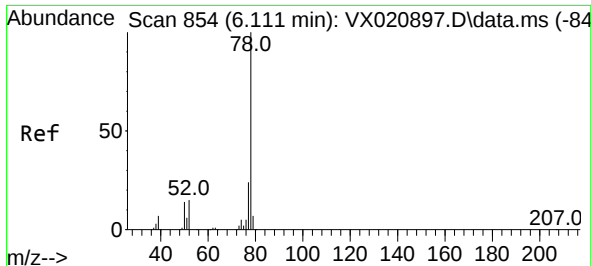
Tgt Ion:114 Resp: 412563
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.28 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion:113 Resp: 131055
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 20.1 16.7 25.1

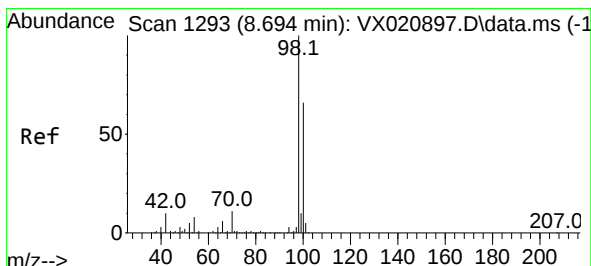
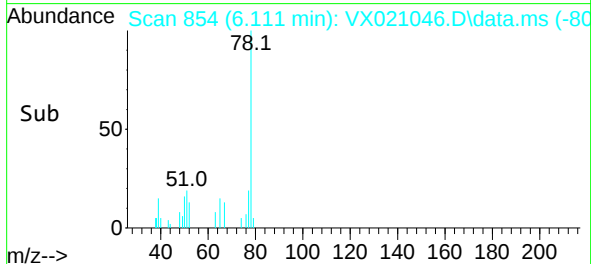
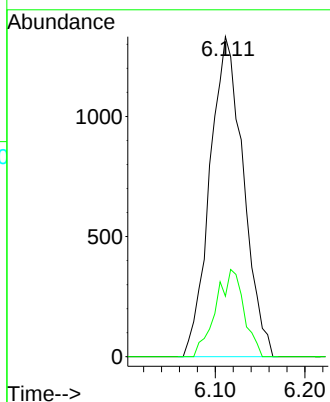
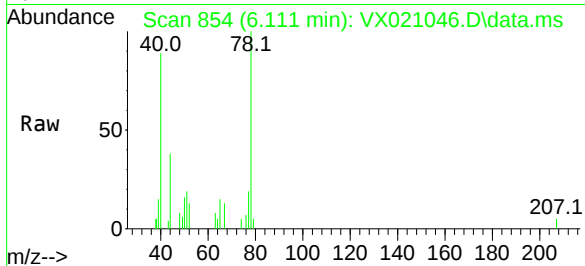




#40
Benzene
Concen: 0.29 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

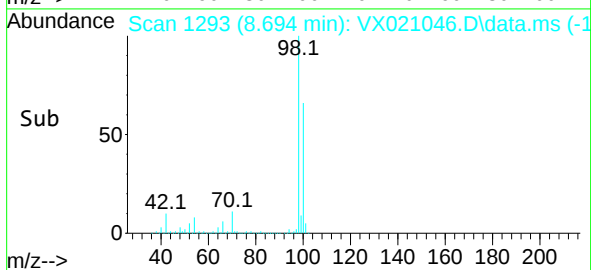
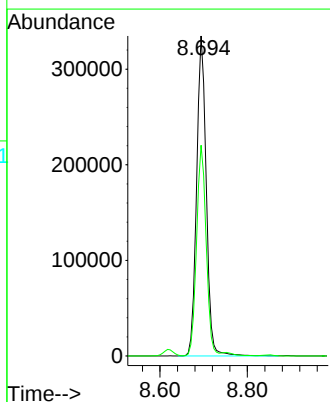
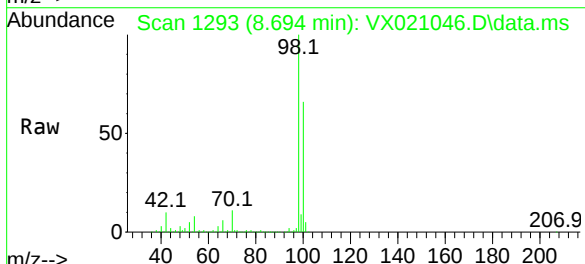
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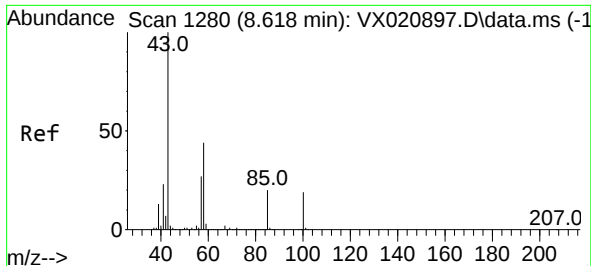
Tgt Ion: 78 Resp: 3446
Ion Ratio Lower Upper
78 100
77 18.9 18.9 28.3



#50
Toluene-d8
Concen: 52.78 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 98 Resp: 515837
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9

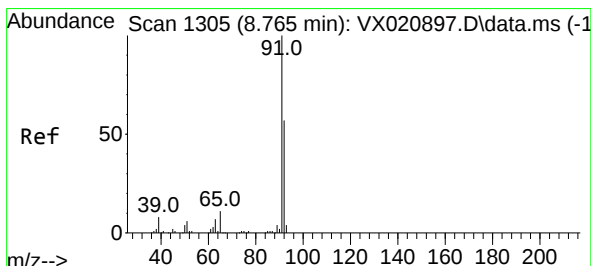
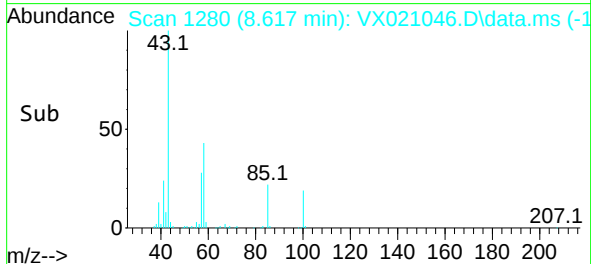
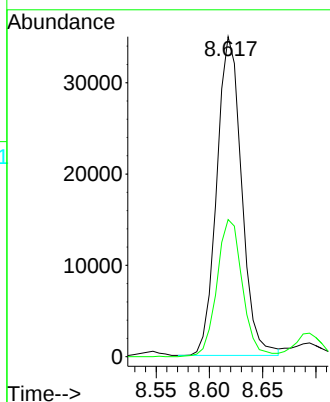
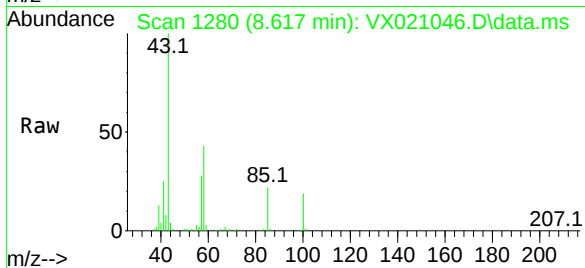




#51
4-Methyl-2-Pentanone
Concen: 15.30 ug/l
RT: 8.617 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

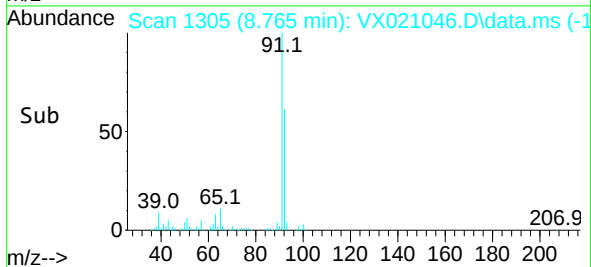
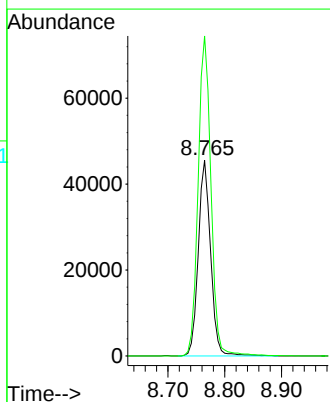
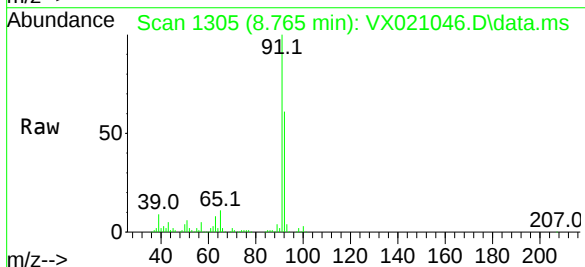
Instrument :
MSVOA_X
ClientSampled :
30-31

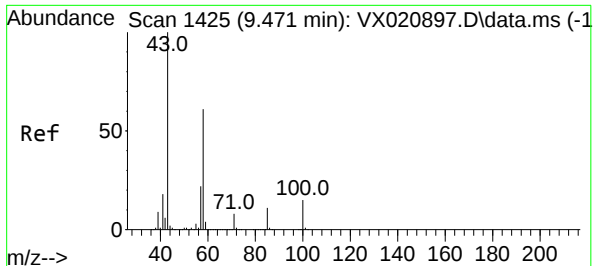
Tgt Ion: 43 Resp: 56536
Ion Ratio Lower Upper
43 100
58 44.3 35.4 53.0



#52
Toluene
Concen: 9.41 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 92 Resp: 68889
Ion Ratio Lower Upper
92 100
91 169.9 137.1 205.7

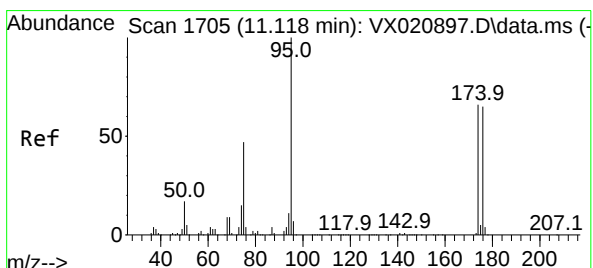
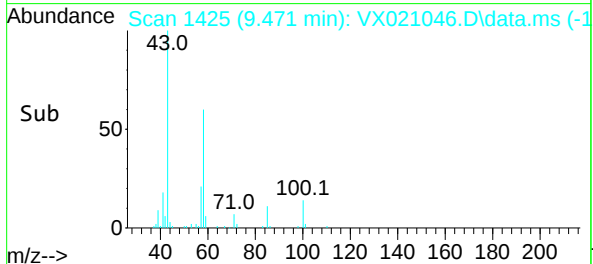
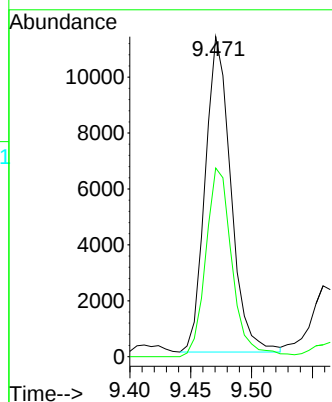
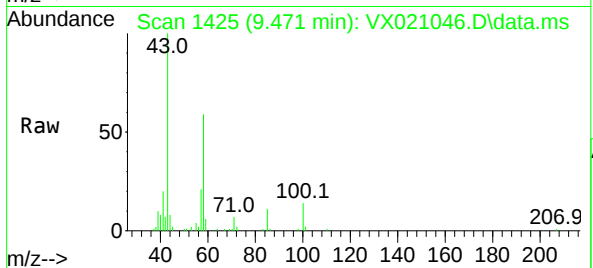




#59
2-Hexanone
Concen: 5.97 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

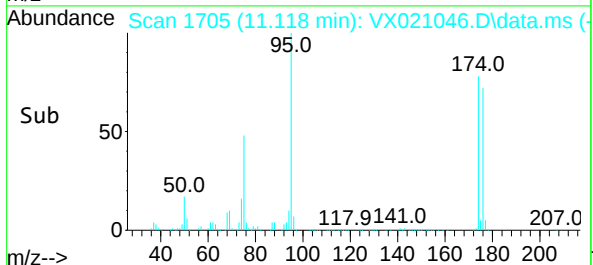
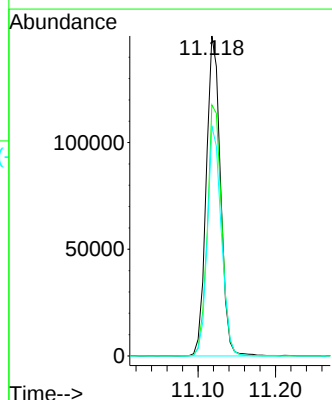
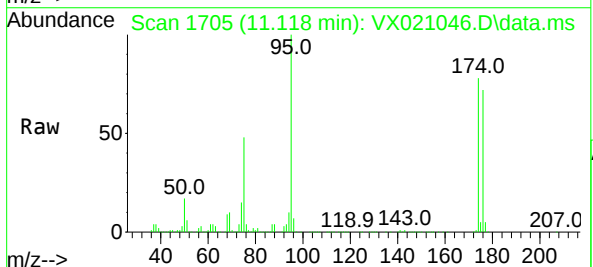
Instrument :
MSVOA_X
ClientSampled :
30-31

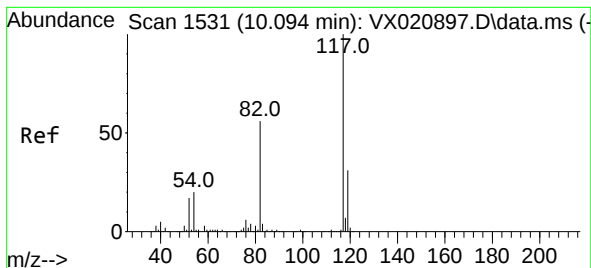
Tgt Ion: 43 Resp: 16563
Ion Ratio Lower Upper
43 100
58 61.1 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 52.95 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 95 Resp: 191369
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 70.5 0.0 155.8

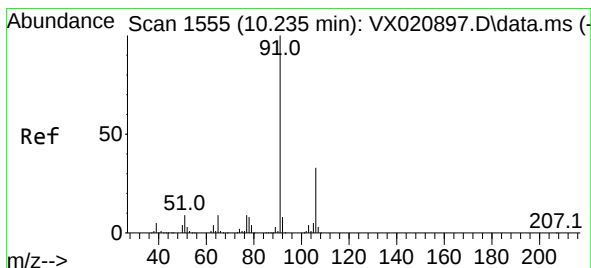
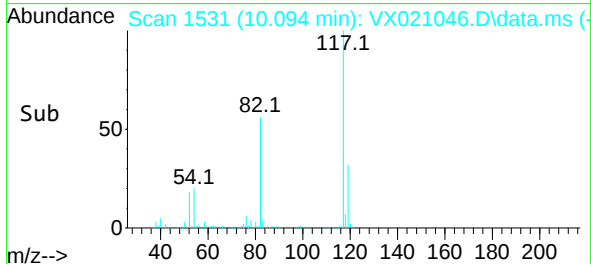
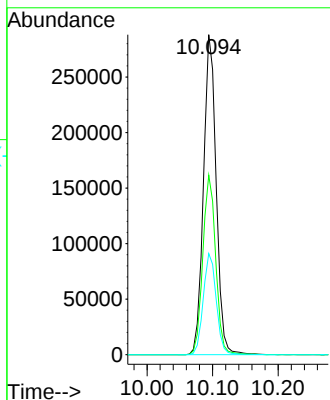
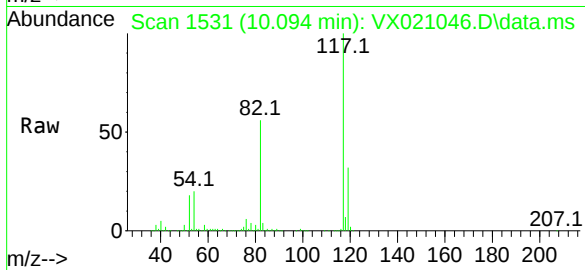




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

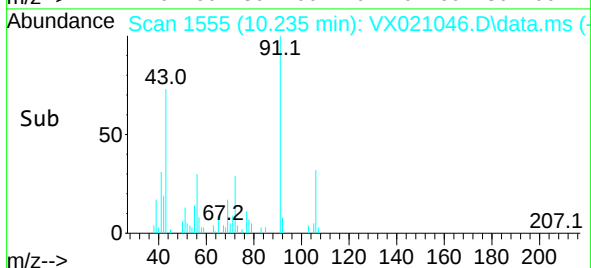
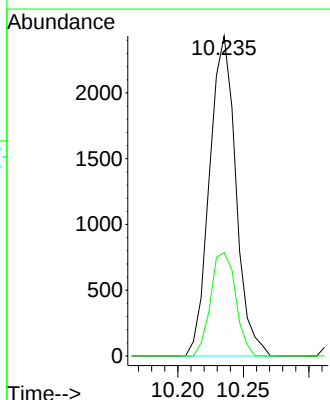
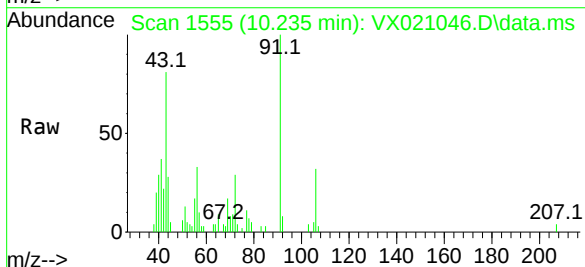
Instrument :
MSVOA_X
ClientSampled :
30-31

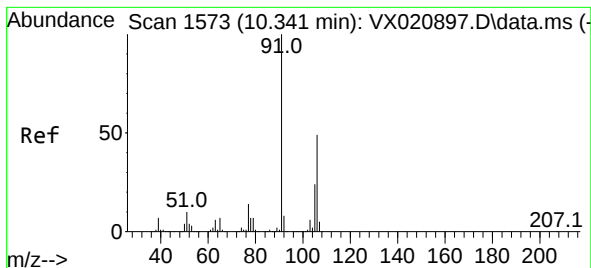
Tgt Ion:117 Resp: 389599
Ion Ratio Lower Upper
117 100
82 56.1 47.4 71.2
119 31.6 26.6 39.8



#67
Ethyl Benzene
Concen: 0.23 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion: 91 Resp: 3395
Ion Ratio Lower Upper
91 100
106 32.3 24.6 37.0

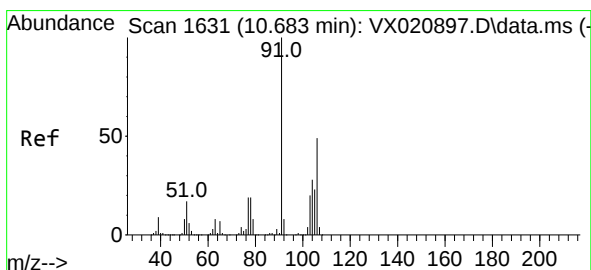
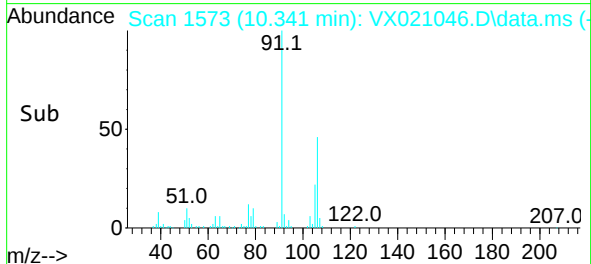
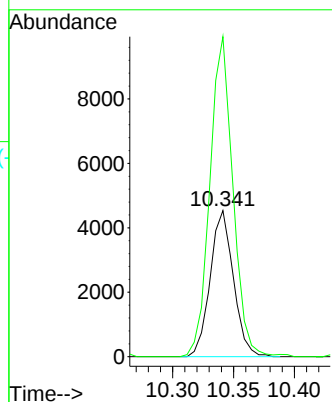
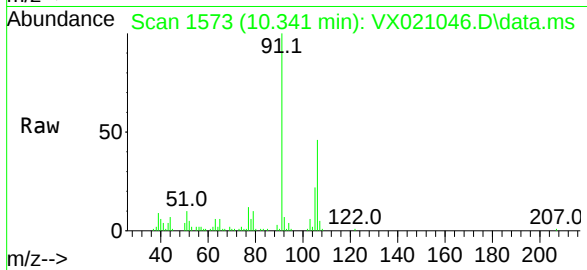




#68
m/p-Xylenes
Concen: 1.10 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

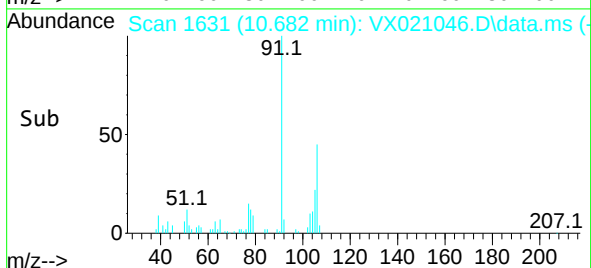
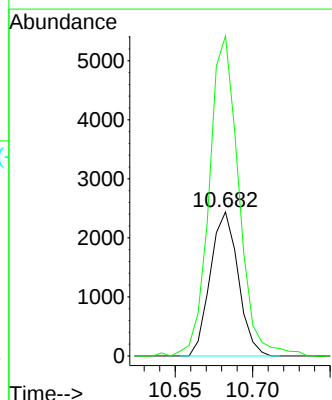
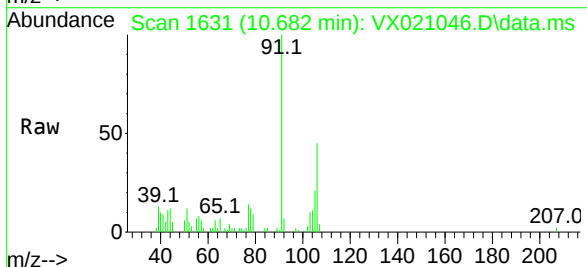
Instrument :
MSVOA_X
ClientSampled :
30-31

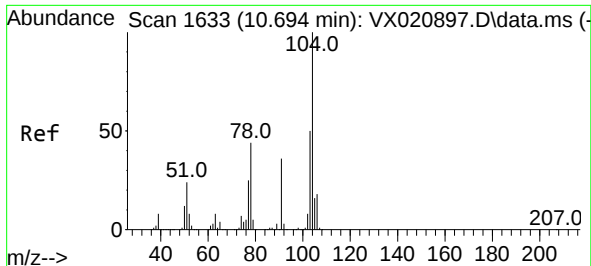
Tgt Ion:106 Resp: 6019
Ion Ratio Lower Upper
106 100
91 217.3 162.8 244.2



#69
o-Xylene
Concen: 0.57 ug/l
RT: 10.682 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion:106 Resp: 3056
Ion Ratio Lower Upper
106 100
91 235.1 108.1 324.2

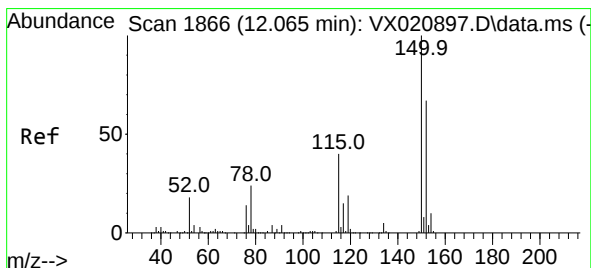
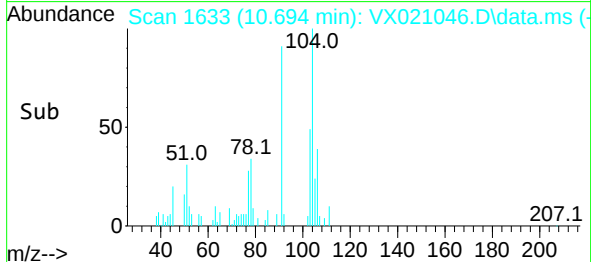
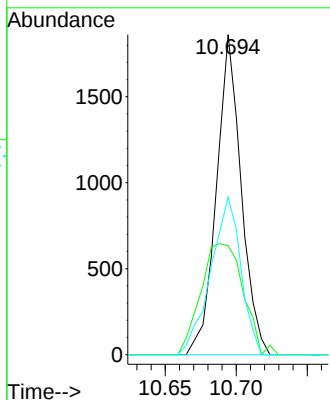
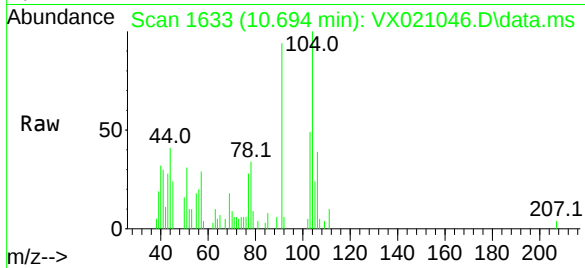




#70
Styrene
Concen: 0.25 ug/l
RT: 10.694 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

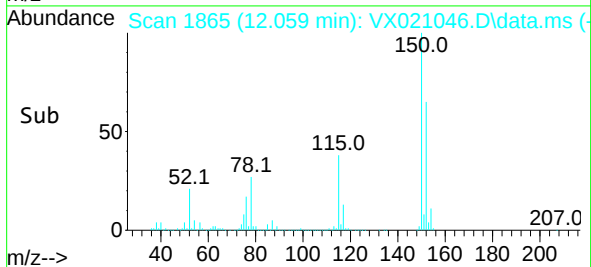
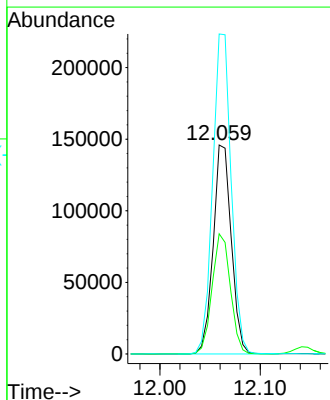
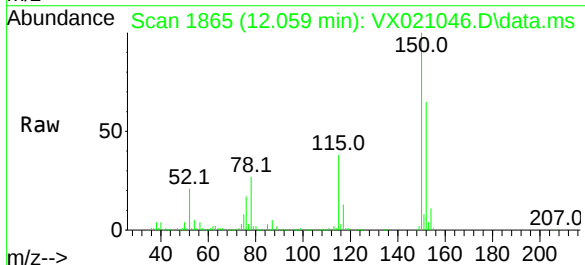
Instrument :
MSVOA_X
ClientSampled :
30-31

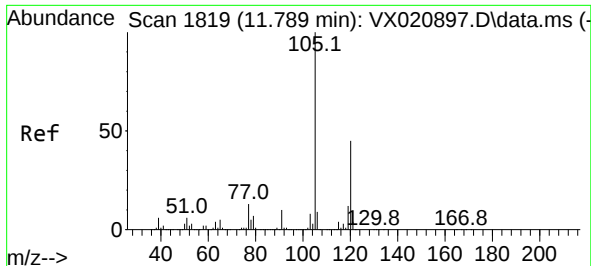
Tgt Ion:	104	Resp:	2251
Ion	Ratio	Lower	Upper
104	100		
78	59.4	40.0	60.0
103	60.0	43.4	65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Tgt Ion:	152	Resp:	183166
Ion	Ratio	Lower	Upper
152	100		
115	58.0	41.1	123.3
150	156.1	0.0	349.0

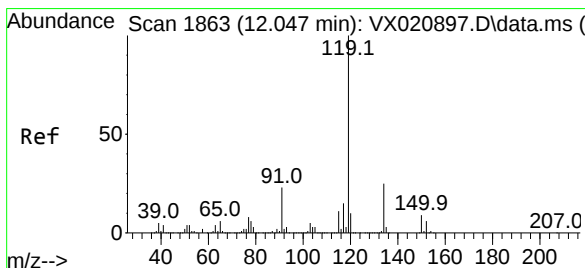
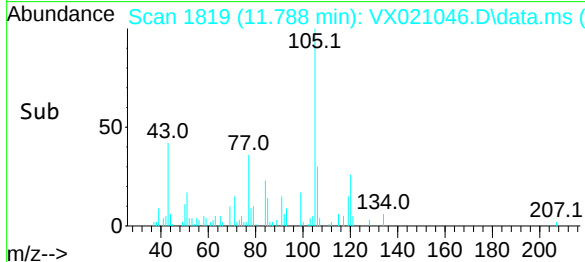
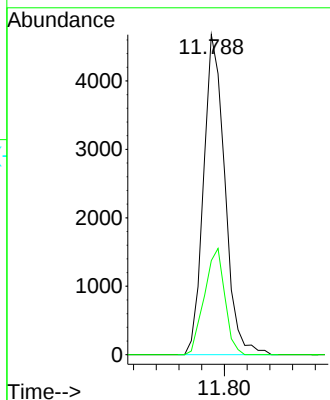
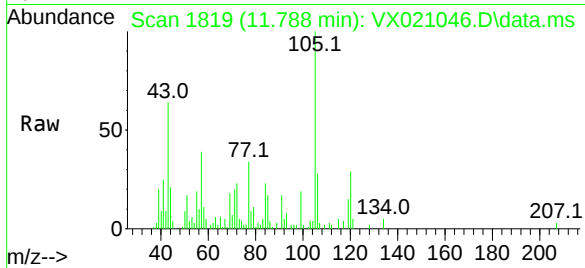




#84
1,2,4-Trimethylbenzene
Concen: 0.50 ug/l
RT: 11.788 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

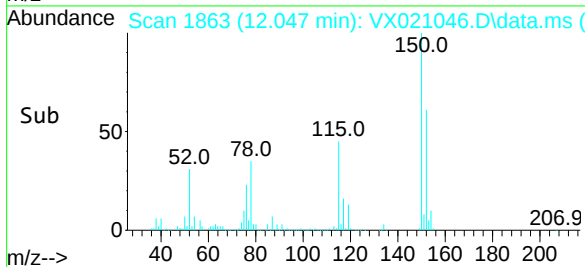
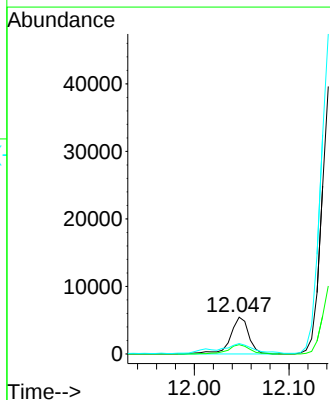
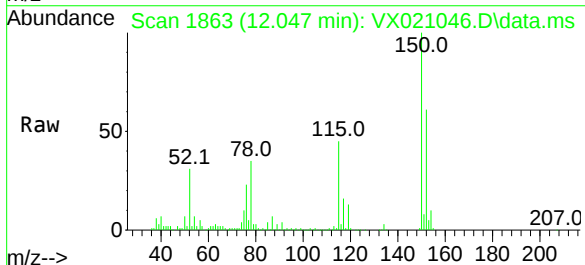
Instrument :
MSVOA_X
ClientSampled :
30-31

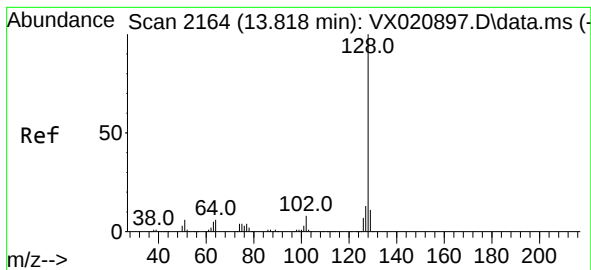
Tgt Ion:105 Resp: 6071
Ion Ratio Lower Upper
105 100
120 31.9 22.4 67.3



#86
p-Isopropyltoluene
Concen: 0.58 ug/l
RT: 12.047 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

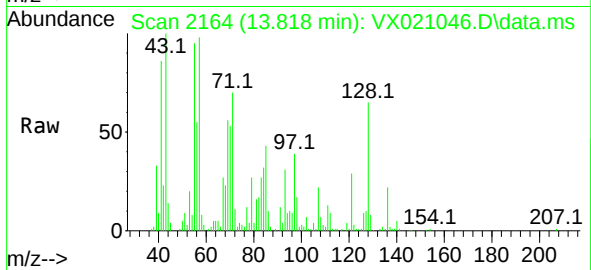
Tgt Ion:119 Resp: 7324
Ion Ratio Lower Upper
119 100
134 29.2 12.9 38.7
91 36.7 11.7 35.0#





#95
Naphthalene
Concen: 0.78 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. -0.000 min
Lab File: VX021046.D
Acq: 05 Mar 2021 19:29

Instrument :
MSVOA_X
ClientSampleId :
30-31



Tgt Ion:	128	Resp:	10523
Ion Ratio	Lower	Upper	
128	100		
127	23.9	10.3	15.5#
129	11.7	8.8	13.2

